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(71) Applicant (for all designated States except US):  
**LIFECORD INC.** [KR/KR]; Paradise Venture Bldg.,  
708-33 Yeoksam-2-dong, Kangnam-gu, Seoul 135-919  
(KR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **LEE, Myoung Woo** [KR/KR]; 2 Fl., #75-4 Simgok-dong, Wonmi-gu, Bucheon-si, Kyungki-do 420-011 (KR). **KIM, Young Jin** [KR/KR]; Donga Apt. 102-2004, Jamwon-dong, Seocho-gu, Seoul 137-948 (KR). **CHOL, Jeong Eun** [KR/KR]; Royal Palace B-2403, #28-1, Jeongja-dong, Bundang-gu, Seongnam-si, Kyungki-do 463-958 (KR). **YANG, Mal Sook** [KR/KR]; Dugyunmaeul Byucksan Apt. 336-1804, #886-1 Jeongja-dong, Jangnan-gu, Suwon-si, Kyungki-do 440-722 (KR). **MOON, Young Joon** [KR/KR]; #480-23 Gurobon-dong, Guro-gu, Seoul 152-059 (KR). **KIM, Sun Kyung** [KR/KR]; Dusan Apt. 107-1202, Byeongjeom-ri, Taeon-eup, Hwaseong-si, Kyungki-do 445-986 (KR). **KIM, Hugh Chul** [KR/KR]; Samho Tower 1504, #1122-10 Ingye-dong, Paldal-gu,

Suwon-si, Kyungki-do 442-835 (KR). **PARK, Joon Seong** [KR/KR]; Woncheon Jugong Apt. 104-805, Woncheon-dong, Paldal-gu, Suwon-si, Kyungki-do 442-757 (KR). **JANG, In Keun** [KR/KR]; Wooman Jugong Apt. 108-405, Wooman-2-dong, Paldal-gu, Suwon-si, Kyungki-do 442-752 (KR).

(74) Agents: **JANG, Seongku** et al.; 19th Fl., KEC Building, #275-7 Yangjae-dong, Seocho-ku, Seoul 137-130 (KR).

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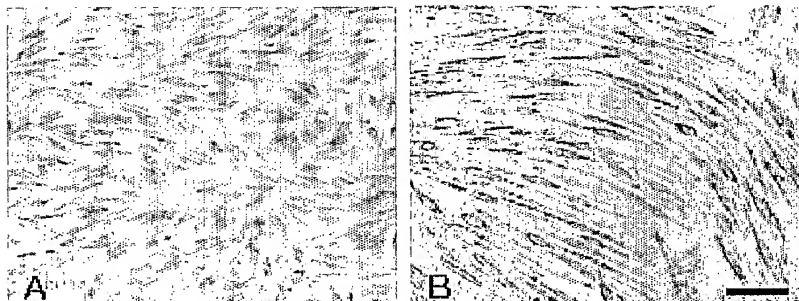
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(54) Title: METHOD FOR ISOLATING AND CULTURING MULTIPOTENT PROGENITOR/STEM CELLS FROM UMBILICAL CORD BLOOD AND METHOD FOR INDUCING DIFFERENTIATION THEREOF



(57) Abstract: Since the multipotent progenitor/stem cells isolated and cultured from the cord blood-derived mononuclear cells according to the method of the present invention are capable of differentiating into several types of cells including neurons, osteoblasts, myoblasts, endothelial cells, hepatocytes and dendritic cells, they can be effectively used for a cell therapy, a cell replacement therapy, an organ restoration technique or an organ production.

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